

## Message Text

CONFIDENTIAL

PAGE 01 STATE 115061

12

ORIGIN PM-03

INFO OCT-01 EA-06 ISO-00 OES-03 CIAE-00 INR-07 NSAE-00

NASA-01 NSF-01 SS-15 NSC-05 /042 R

DRAFTED BY PM/ISO:FJFLEMINGS:ML:AFXOXX: MAJ G

APPROVED BY PM/ISO - GTCHURCHILL

OSD/ISA/FMRA - MR. GOLDSMITH

OSD/ODDR&E: COL. DEAVIS

OSD/ISA/EA - MR. FLINT

SAFIA - MR. DOOLIN

EA/K - MR. O'DONOHUE

----- 065876

P 162142Z MAY 75

FM SECSTATE WASHDC

TO AMEMBASSY SEOUL PRIORITY

INFO CINCPACAF PRIORITY

CINCPAC PRIORITY

USDAO SEOUL PRIORITY

SECDEF WASHDC/ISA/FMRA PRIORITY

CSAF WASHDC/XXOXIF/XOOS PRIORITY

HQ ADC ENT AFB CO/XPXP PRIORITY

AFSC ANDREWS AFB MD/DOSF PRIORITY

ESD LG HANSCOM AFB MA/OCT PRIORITY

C O N F I D E N T I A L STATE 115061

E.O. 11652:ADS - SEE PARA 8

TAGS: MILI, TPSA, KS

SUBJECT: GROUND-BASED ELECTRO-OPTICAL DEEP SPACE SURVEIL-  
LANCE SYSTEM (GEODSS)

1. AIR FORCE'S AEROSPACE DEFENSE COMMAND (ADC) IS PLANNING  
A WORLD-WIDE SURVEILLANCE SYSTEM TO DETECT AND TRACK DEEP  
SPACE SATELLITES. THE NETWORK, NAMED "GROUND-BASED ELECTRO  
OPTICAL DEEP SPACE SURVEILLANCE SYSTEM (GEODSS) , WILL AUG-  
MENT THE 496L SPACETRACK SYSTEM, AND WILL BE DEPLOYED TO:

(1) DETECT AND TRACK SPACE OBJECTS WHICH (BECAUSE OF INSUF-  
FICIENT RADAR CROSS-SECTION, OR RANGE), CANNOT BE OBSERVED

CONFIDENTIAL

CONFIDENTIAL

PAGE 02 STATE 115061

BY OTHER TYPE SENSORS, (2) PROVIDE OBSERVATIONS FOR HIGHLY

ACCURATE ORBIT DETERMINATION, AND (3) OBSERVE SELECTED SATELLITES FOR SCIENTIFIC PURPOSES.

2. FOR CONTINUOUS COVERAGE, FIVE SENSORS ARE REQUIRED AT VARIOUS LOCATIONS; ONE IN THE CONTINENTAL UNITED STATES, (WHITE SANDS MISSILE RANGE) ONE IN MAUI, HAWAII AND THE REMAINING THREE OVERSEAS. CHINHAE, SOUTH KOREA, IS ONE OF SEVERAL FOREIGN LOCATIONS WHICH HAVE BEEN SELECTED FOR SURVEY BASED MAINLY UPON GEOGRAPHICAL LOCATION, ACCESS, AVAILABLE SUPPORT, AND ANTICIPATED RECEPTIVITY OF PROSPECTIVE HOST GOVERNMENT. IF SELECTED AND APPROVED, AN INITIAL OPERATIONAL CAPABILITY IS PROGRAMMED FOR THE PROPOSED KOREAN SITE IN FY 1979.

3. SITE WOULD REQUIRE NO MORE THAN 40 ACRES OF LAND AND 70,000 SQ FEET OF BUILDING SPACE. TALLEST STRUCTURE ANTICIPATED IS APPROXIMATELY 100 FEET, AND FACILITY WOULD REQUIRE APPROXIMATELY 100 PERSONNEL. THE GEODSS IS PASSIVE IN OPERATION, AND THERE ARE NO KNOWN ADVERSE ENVIRONMENTAL IMPACTS.

4. SURVEYS BY A TEAM OF AIR FORCE TECHNICIANS ARE NEEDED TO MAKE FINAL SELECTION OF SITES AND PROVIDE PROSPECTIVE HOST GOVERNMENTS WITH DETAILED PROJECT PROPOSALS. SURVEY TEAM WOULD MAKE OBSERVATIONS AND MEASURE VARIOUS ASTRONOMICAL, METEOROLOGICAL, AND OPERATIONAL PARAMETERS IN ORDER TO DETERMINE SITE SUITABILITY FOR FINAL USG CONSIDERATION AND SUBSEQUENT PRESENTATION TO GOVERNMENT OF KOREA. SURVEY EQUIPMENT, CONSISTING OF 35 MM CAMERAS FOR SITE PHOTOGRAPHS, AND QUESTAR TELESCOPE/PHOTOMULTIPLIER TUBE/POWER SUPPLY PACKAGE FOR ASTRONOMICAL MEASUREMENTS, WOULD BE TRANSPORTED BY FIVE MAN SURVEY TEAM.

5. ESTIMATED COST FOR SITE CONSTRUCTION IS APPROXIMATELY 500,000 DOLLARS. LOCAL HIRE AND PURCHASES TO MEET CONSTRUCTION NEEDS ARE ANTICIPATED WHENEVER POSSIBLE.

6. SHOULD ROKG APPROVE CONSTRUCTION OF GEODSS SITE, SCIENTIFIC COOPERATION WHICH MIGHT ENSUE INCLUDES PROVISION ON A NO-COST NON-INTERFERENCE BASIS, OF ASTRONOMICAL DATA  
CONFIDENTIAL

CONFIDENTIAL

PAGE 03 STATE 115061

ON STARS, PLANETS, AND OTHER CELESTIAL OBJECTS PLUS PHOTOMETRIC MEASUREMENTS ON VARIABLE STARS, FLARE STARS, AND OTHER OBJECTS OF INTEREST. OBSERVATIONS ON SCIENTIFIC OR GEODETIC SATELLITES ALSO COULD BE PROVIDED.

7. REQUEST EMBASSY SEEK ROKG APPROVAL FOR SURVEY AS DESCRIBED HEREIN, PREFERRED DATES ARE 2-6 JUNE 75. SHOULD FAVORABLE RESPONSE BE RECEIVED TO SURVEY PROPOSAL, ADC

WILL PROVIDE EXACT TRAVEL DETAILS/ITINERARY TO USDAO FOR  
EMBASSY CLEARANCE. TEAM WOULD CONTACT USDAO UPON ENTERING/  
DEPARTING COUNTRY IF DESIRED.

8. THE INFORMATION CONTAINED IN THIS REQUEST IS CLASSI-  
FIED ONLY AS IT PERTAINS TO A MATTER TO BE PRESENTED FOR  
CONSIDERATION BY A FOREIGN GOVERNMENT. DECLASSIFICATION  
IS PERMITTED UPON COMPLETION OF NEGOTIATIONS UNLESS ROKO  
DESIRES OTHERWISE. KISSINGER

CONFIDENTIAL

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** SURVEILLANCE SATELLITES, MILITARY PLANS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 16 MAY 1975  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** KelleyW0  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1975STATE115061  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** FJFLEMINGS:ML:AFXOXX: MAJ G  
**Enclosure:** n/a  
**Executive Order:** AS UPON COMPLETION OF NEGOTIATIONS  
**Errors:** N/A  
**Film Number:** D750173-0495  
**From:** STATE  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1975/newtext/t19750543/aaaabnae.tel  
**Line Count:** 124  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Office:** ORIGIN PM  
**Original Classification:** CONFIDENTIAL  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 3  
**Previous Channel Indicators:** n/a  
**Previous Classification:** CONFIDENTIAL  
**Previous Handling Restrictions:** n/a  
**Reference:** n/a  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** KelleyW0  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 16 JUL 2003  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <16 JUL 2003 by ShawDG>; APPROVED <19 NOV 2003 by KelleyW0>  
**Review Markings:**

Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
05 JUL 2006

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** GROUND-BASED ELECTRO-OPTICAL DEEP SPACE SURVEIL- LANCE SYSTEM (GEODSS)  
**TAGS:** MILI, TSPA, KS  
**To:** SEOUL  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006